

## PATENT ABSTRACTS OF JAPAN

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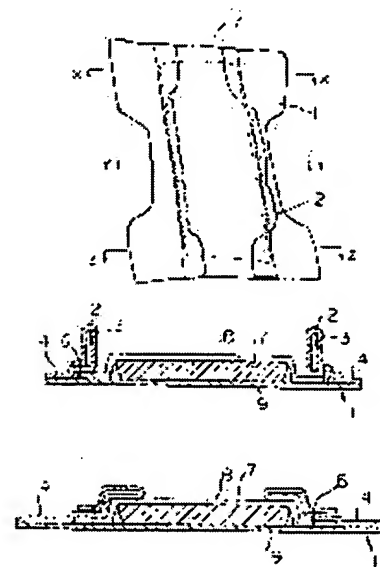
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## (54) DISPOSABLE DIAPER AND PREPARATION THEREOF

## (57)Abstract:

**PURPOSE:** To improve leakage and stuffiness by bending an end edge part on the inside of a hydrophobic non-woven fabric, forming a leakage-proof part extended upward of a side edge part of the longitudinal direction of an absorptive body, laying down the leakage-proof parts at opposite longitudinal ends in the inner direction and adhering and fixing them on the liq.-permeable surface sheet on the absorptive body.

**CONSTITUTION:** Side flaps 1 extending outside from the opposite lateral side edge parts of an absorptive body 7, consisting of a rear face sheet 9 and a hydrophobic non-woven fabric and contg. no elastic material are provided and end edge parts on the inside of a diaper made of a hydrophobic non-woven fabric 4 are bent over the whole length in the longitudinal direction. An upper part of a surface sheet 8 at the lateral side edge parts of a absorptive body 7 is made to be a base end and leakage-proof parts 2 consisting of a hydrophobic non-woven fabric 4 extending above them are formed. Expandable and contractable elastic bodys 3 are fixed on the apex parts of the leakage-proof parts 2 and the leakage-proof parts are fallen down inside at both end parts in the longitudinal direction, namely, at the back range and the front range and are adhered and fixed on the liq. permeable surface sheet on the absorptive body 7. Improvement of stuffiness is realized by making the leakage-proof parts with a hydrophobic non-woven fabric and leakage is prevented by forming a pocket part between the surface sheet at the opposite lateral both end parts of the leakage-proof part and the leakage-proof part.



## LEGAL STATUS

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